Abstract

A lip synchronization test method for DTV receivers. The method includes the steps of: generating a digital audio stream having a frame index inserted therein and a video stream having a Transient Effect Area Test Signal (TATS) inserted therein; comparing the waveform of the time-indexed audio signal with that of the time-indexed video signal; and measuring and calculating a time difference d, between the audio and video signals based upon the time indexes of the time-indexed audio and video signals.

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